

IN THE CLAIMS:

Please cancel claims 2 and 7 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claims 1, 3, 6 and 8 as follows:

LISTING OF CURRENT CLAIMS

1. (Currently Amended) A method for driving a liquid crystal display panel, the liquid crystal display panel comprising:

a plurality of scan lines;

a plurality of data lines; and

5 a plurality of pixels, each pixel has a switching device and a liquid crystal element, and the switching device is connected to the a corresponding scan line, the a corresponding data line and the liquid crystal element;

the method comprising:

continuously receiving a plurality of frame data;

10 ~~producing an over-drive data voltage pulse and an original data voltage pulse according to the frame data in every frame period; and~~ delaying the frame data to produce a plurality of corresponding delayed frame data;

producing an over-drive data voltage pulse, the value of which is decided by comparing a present frame data with a corresponding delayed frame data, and
15 producing an original data voltage pulse according to the present frame data; and

sequentially providing the over-drive data voltage pulse and the original data voltage pulse to the liquid crystal element of the pixel in ~~one~~ the present frame period via ~~the connected~~ a data line connected to the pixel.

Claim 2. (Canceled)

3. (Currently Amended) The method of claim-2_1, wherein when comparing the present frame data with the corresponding delayed frame data, the value of the over-drive data voltage pulse is decided according to a predetermined table.

4. (Original) The method of claim 1, wherein each frame data comprises a plurality of pixel data and each pixel data corresponds to one pixel.

5. (Original) The method of claim 1 further comprising: providing a scan voltage to the switching device via the corresponding scan line to enable the over-drive data voltage pulse and the original data voltage pulse to be supplied to the liquid crystal element.

6. (Currently Amended) A method for driving a liquid crystal display panel, the liquid crystal display panel comprising:

a plurality of scan lines;

a plurality of data lines; and

5 a plurality of pixels, each pixel includes a switching device and a liquid crystal element, the switching device is connected to the a corresponding scan line, the a corresponding data line and the liquid crystal element;

the method comprising:

10 receiving a clock signal, a synchronization signal, and a plurality of frame data;

delaying the frame data to produce a plurality of corresponding delayed frame data;

15 producing a double-frequency clock signal in accordance with the clock signal, and producing a double-frequency synchronization signal in accordance with the double-frequency clock signal and the synchronization signal;

20 ~~producing at least an over-drive data voltage pulse and an original data voltage pulse in accordance with the frame data; and~~
producing an over-drive data voltage pulse, the value of which is decided by comparing a present frame data with a corresponding delayed frame data, and producing an original data voltage pulse according to the present frame data; and

sequentially providing the over-drive data voltage pulse and the original data voltage pulse to the liquid crystal element of the corresponding pixel in accordance with the double-frequency clock signal in ~~one~~ the present frame period.

Claim 7. (Canceled)

8. (Currently Amended) The method of claim ~~7~~6, wherein when comparing the present frame data with the corresponding delayed frame data, the value of the over-drive data voltage pulse is decided according to a predetermined table.

9. (Original) The method of claim 6, wherein the synchronization signal includes a horizontal synchronization signal and a vertical synchronization signal.

10. (Original) The method of claim 6, wherein the double-frequency synchronization signal includes a horizontal double-frequency synchronization signal and a vertical double-frequency synchronization signal.

11. (Original) The method of claim 6, wherein each frame data comprises a plurality of pixel data and each pixel data corresponds to one pixel.

12. (Original) The method of claim 6 further comprising: providing a scan voltage to the switching device via the corresponding scan line to enable the over-drive data voltage pulse and the original data voltage pulse supplied to the liquid crystal element.